
Subject: Re: Problems with FTF/DPM with Geant4
Posted by [Stefano Spataro](#) on Tue, 28 Mar 2017 08:45:13 GMT
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The philosophy should be the same as done for the background of the tracking TDRs:
Estimate how many events you need to have a decent statistics, run a very big data production only at the generator level, which in any case produces a small amount of data, and run from them your required number of events.

I.e., if your filter skims with a factor 1%, and you need 100k skimmed events, run 2M events to have a safety factor of 2.

Until somebody really spend some time to fix this FTF+G4 problem, this is the only chance. In the past I spent some time many times, but I was never able to find the clue. The solution would be to rewrite FTF generator so that it does not use g4 classes as it is doing now.
